

GENERAL POWER OF ATTORNEY
Concerning Several International Patent Applications

The undersigned, Vernon R. Rice, Vice President and Assistant General Counsel of E. I. DU PONT DE NEMOURS AND COMPANY, 1007 Market Street, Wilmington, Delaware 19898 USA ("DuPont"), hereby confirms that the power to sign for DuPont has been granted to various individuals (as set forth in the attached excerpt from DuPont's Patent Board Rules of Procedure (January 1988), Appendix Section III.A.4), including the Chairman, Vice-Chairman, and those individuals who are Assistant Secretaries of the Patent Board. Currently these Assistant Secretaries are:

Roger A. Bowman
Linda J. Davis
John E. Griffiths

Barbara J. Massie
Miriam D. Meconnahey
Deborah A. Meginniss

In addition, the authority to act on behalf of DuPont before the competent International Authorities in connection with any and all international patent applications filed by it with the United States as Receiving Office and to make or receive payments on its behalf is hereby granted to:

Beardell, Lori Y.	34,293	Kuller, Mark D.	31,925
Belopolsky, Inna	43,319	Krukiel, Charles E.	27,344
Benjamin, Steven C.	36,087	Jarnholm, Arne R.	30,396
Birch, Linda D.	38,719	Langworthy, John A.	32,255
Bowen, Jr., Alanson G.	24,027	Lerman, Bart E.	31,897
Christenbury, Lynne M.	30,971	Levitt, Cary A.	31,848
Cotreau, William J.	36,490	Li, Kening	44,872
Deitch, Gerald E.	30,457	Magee, Thomas H.	27,355
Deshmukh, Sudhir	33,677	Mayer, Nancy S.	29,190
Dobson, Kevin S.	40,296	Medwick, George M.	27,456
Duffy, Roseanne R.	33,869	Morrissey, Bruce W.	30,663
Edwards, Mark A.	39,542	Reynolds, Stephen E.	37,580
Estrin, Barry	26,452	Rizzo, Thomas M.	41,272
Evans, Craig H.	31,825	Santopietro, Lois A.	36,264
Fair, Tamera L.	35,867	Schaeffer, Andrew L.	33,605
Feltham, S. Neil	36,506	Sebree, Chyrrea J.	45,348
Floyd, Linda Axamethy	33,692	Shafer, Robert J.	24,437
Frank, George A.	27,636	Shay, Lucas K.	34,724
Golian, Andrew G.	25,293	Shipley, James E.	32,003
Gorman, Thomas W.	31,959	Siegell, Barbara C.	30,684
Gould, David J.	25,338	Sinnott, Jessica M.	34,015
Griffiths, John E.	32,647	Steinberg, Michael A.	43,160
Hamby, Jane O.	32,872	Steinberg, Thomas W.	37,013
Hamby, William H.	31,521	Stevenson, Robert B.	26,039
Heiser, David E.	31,366	Strickland, Frederick D.	39,041
Hendrickson, John S.	30,847	Tessari, Joseph A.	32,177
Joung, J. Kenneth	41,881	Tulloch, Rebecca W.	36,297
Katz, Elliott A.	26,396	Walker, P. Michael	32,602
Kelly, Patricia L.	39,247	Wang, Chen	38,650
King, Karen K.	34,850		

The undersigned ratifies fully all actions already taken by the above-named individuals in accordance with the authority granted hereby.

E. I. DU PONT DE NEMOURS AND COMPANY

By:

Vernon R. Rice

Vice President and Assistant General Counsel

Date: 4-13-00